

Land Development and Personal Property Rights:



Striking a Balance in Hancock County

We hope you will join us for the eighteenth session in our Striking a Balance workshop series, which is addressing important growth and development issues facing local planning boards and Hancock County as a whole. The January 27, 2010 (storm date January 28) workshop will focus on groundwater resource management.

VFW Hall
Washington Junction Road, Ellsworth
January 27, 2010 (storm date January 28)

6:00 p.m. – 8:30 p.m.

Dinner begins at 5:00 p.m.

Registration \$18.00

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ELLSWORTH, ME 04605

Hancock County Planning Commission
395 State Street
Ellsworth, ME 04605



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Registration Information

Name & Title _____

Business/Organization _____

Address _____

Phone _____

Fax _____

E-mail _____

Registrations will not be accepted at the door.

Please provide registration form and payment by Friday, January 22, 2010 to:

Hancock County Planning Commission
395 State Street
Ellsworth, ME 04605

\$18.00 each
Registration

Includes
Workshop
Materials and
Light Dinner.

Please join us on ...

January 27, 2010
(storm date: January 28)
5:00-8:30 PM
VFW Hall
Washington Junction Road
Ellsworth, Maine



AGENDA

5:00 PM Registration and meal

6:00 PM Welcome and Introduction: *Ray Jones, Gouldsboro Planning Board and Hancock County Planning Commission executive board.*

6:10– 6:50 PM An overview of groundwater resources in Hancock County & the regulatory environment for groundwater extraction: *Robert Marvinney, State Geologist Maine Geologic Survey*

6:50–7:20 PM Discussion of threats to groundwater in Hancock County; *Stephen Norton, Professor Emeritus of Earth Sciences, University of Maine*

7:20 – 8:05 PM The permitting procedure for groundwater withdrawal, *John T. Hopeck, Hydrogeologist, Division of Environmental Assessment, Bureau of Land and Water Quality, Maine DEP*

8:05 – 8:20 PM Questions and Answers

8:20 – 8:30 PM, Closing Remarks and Completion of Workshop Evaluation Forms

Funding from the Maine Coastal Program, Maine State Planning Office and Bar Harbor Bank & Trust has helped make this workshop series possible. Other partners in this endeavor include the Down East Resource Conservation and Development Council, and Gouldsboro Planning Board.

Striking a Balance

An outgrowth of the HCPC's Planning For Prosperity initiative, the on-going forum series started in 2004.

A rapid increase in demand for subdivided property in Hancock County spurred the creation of this series. Organizers hope that the series will lead to:

- ✓ Increased Awareness of Subdivision Review Standards and Applicable State Regulations
- ✓ Greater Understanding of the Importance of Regional Water Resource Management
- ✓ Implementation of Planning Tools & Wise Development Practices
- ✓ Constructive Dialogue Among Municipal Officials, Conservation Groups and Those in the Development/Construction Industry
- ✓ Better Development Tracking at the Municipal and County Level

Some Groundwater Facts

- According to the 1990 U.S. Census (comparable data were not collected for the 2000 Census) 75 percent or 22,725 of then 30,296 reported housing units depend primarily on groundwater wells.
- Ground water is an annually renewable resource.
- Maine has an average annual rainfall of 42 inches (24 trillion gallons)
- 50% goes directly to run-off (12 trillion gallons)
- 30-40% to evapo-transpiration (7-10 trillion gallons)
- 10-20% recharges ground water (2-5 trillion gallons)

Maine's aquifers:

Bedrock aquifer: Most homeowner wells are drilled into solid ledge where fractures in the rock convey water to the borehole in sufficient quantity for domestic use. Such wells can be developed anywhere in the state

Sand and gravel aquifer: These are coarse-grained deposits of glacial origin that are not evenly distributed around the state, but that have the capacity for large-volume wells.

Figures on ground water use statewide in 2008:

- Public Water Systems – 8 billion gallons
- Bottled Water – 650 million gallons
- Irrigation – 1 billion gallons
- Snow making – 250 million gallons

Regulation of ground water withdrawals:

Site Location of Development Law;
Significant well permit under the Natural Resources Protection Act;
Bulk Water Transport Law.